For Estimate

BR/606/28.10.16

**M. A. R. 57 (Rule 116)**

Measurement Book

**No. B**

Serial No. Improvements & asphalting to Main road @ Nadeshya Layout & Tatnagara in ward No. 8.

258780

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency Akhilesh. P.

Date of commencement of work BR-606/28/10/16

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Estimate cost : Rs. 20,00 lakhs. | | | | | | |
| | A.S no. BBMP/CE/NUK/PE/174/15-16 dtd 01.2015 | | | | | | |
| | T.S no. BBMP/CE/NUK/PE/335/15-16 dtd 21-01-2015 | | | | | | |
| | Job Code : 008-15-00000071 | | | | | | |
| | H/A : P1271 | | | | | | |
| | WO No. BBMP/EE/270/WO/51/2016-17 dtd 15.06.2016 | | | | | | |
| | Measurement recorded on : 20-10-2016 | | | | | | |
| 1) | Removing the old drain & stacking including cost of all labour, materials etc complete as directed. | | | | | | |
| | Vide Item No. 1.1 of page 258782 | | | | | 1754.77 Sqm | |
| | | | | | Limited to | 1617.00 Sqm | |
| | | @ Rs. | 58.19/- | | | = Rs. | 94093.00 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 2) | Refixing stone slabs of green as directed - Qty vide item NO(2) of page 258784 | | Ex position in CM | | | 140.381 Sqm | |
| | | | | Limited to | | 129.60 Sqm | |
| | | | @ Rs. 75.43/- | | | = Rs | 9776.- |
| 3) | providing granite slabs of selected quality roughly dressed & fixed in CM 1:6 ck complete Qty vide item no. (3) of page 258794 | | | | | 250.96 Sqm | |
| | | | | Limited to | | 222.40 Sqm | |
| | | | @ Rs. 792.61/- | | | = Rs | 207824.- |
| 4) | Earthwork excavation by manual means in ordinary soil, excavated surface levelled to sites neatly dressed, disposed earth to be leveled neatly after breaking of clods etc complete. | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Qty vide item No (2) |
| 13) | Lead for dressed cut carriage |
| | Qty vide item |

M. A. R. 57 (Rule 116)
Measurement Book

**No. B**

258781

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Qty vide item No. (4) J page 258793 | | | Limited to | | 569.93 cum<br>524.24 cum | 40298- |
| | | | | @ Rs. ~~75.40~~/- 73AT 75:43 | | :: % | ~~40298.00~~<br>= ~~39719~~- |
| 13) | Lead for disposal of debris shall be payable at carriage rates by Mechanical mean as directed. | | | | | | |
| | Qty vide Item No. (13) J page 258793 | | | | | 569.93 cum | |
| | | | | Limited to | | 534.24 cum | |
| | | | | @ Rs. 73.44/- | | :0. | 29218.00<br>= |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 5) Scarifying existing metal layer upto 5mm depth along their thickness, profile, picking up scarified materials & stacking as directed. | | | | | 918.90 Sqm. | |
| | Qty vide item No. (5) of page 258794 | | | | | 910.89 Sqm | |
| | | | | Limited to | | | ₹5311.80 |
| | | | @ Rs | 82.74/- | | = Rs | = |
| | 6) Providing laying spreading & compacting graded stone aggregates to wet mix macadam including premixing with water @ OMC in plant, complete to the layer as directed & achieving desired density | | | | | | |
| | Qty vide item No. (6) of page 258795 | | | | | 931.17 Cum | |
| | | | | Limited to | | 209.50 Cum | |
| | | | @ Rs | 1435.40/- | | = Rs | = 300716.00 |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | 7) Clearing the existing binding materials |
| | Qty vide item |
| | 8) Providing & spreading |
| | Qty vide item |

| | Reference to last Measurement |
|---|---|
| | 8 |
| | Spm. |
| | Spm |
| | 15311.00 |
| | = |
| | Spm |
| | Spm |
| | 300716.00 |
| | = |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258782

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | *) Clearing the existing WBM road surface including removing kankar materials & grass, jungle, rubbish etc as directed | | | | | | |
| | Qty vide item No. (7) of page 258796 | | | | | 956.22 Spm | |
| | | | | Limited to | | 935.00 Spm | |
| | | | @ Rs. | 12.17/- | | = Rs. | 11379.00 = |
| | *) Providing & applying primer coat @ 1.10 kg/sqm over prepared surface of pedestrian paving as directed. | | | | | | |
| | Qty vide item No. (8) of page 258796 | | | | | 956.22 Spm | |
| | | | | Limited to | | 935.00 Spm | |
| | | | @ Rs. | 24.35/- | | = Rs. | 22759.00 = |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9) | Clearing the existing black topped surface with brooms, soft brushes as directed. City wide item no. (9) @ Rs. 3.01/- | | 25879 | | | 1664.72 Sq.M = Rs. 5027.00 | 5011 |
| 10) | providing & applying tack coat using 50/70 grade bitumen on prepared black topped surface at 2.50 Kg per Sq.M as directed. City wide Item no. (10) @ Rs. 18.70/- | | 25879 | | | 1664.72 Sq.M = Rs. 31127.00 | |
| 11) | providing & laying semi dense bituminous concrete using crushed aggregates of specified grading premixed with bituminous binder & filler, transporting the hot mix to road site laying with paver finisher as directed & complete. | | | | | | |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Carriage Way Tarmac 2nd coat Finishing course Oceanic College |
| | Road W Rec... Yellanka... |
| | Road ... store |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258783

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Excavation for Tatwapur & Main road and earth road and finishing coverage. Ocean College road. | 1 | 175.40 | 1.50 | 0.025 | 5.65 Cum | |
| | | 1 | 25.00 | 1.50 | 0.025 | 4.68 Cum | |
| | | 1 x 20.0 x $\left(\frac{4.7+4.7}{2}\right)$ x 0.025 | | | | 3.60 " | |
| | | 1 x 30.0 x $\left(\frac{4.7+4.7}{2}\right)$ x 0.025 | | | | 3.52 " | |
| | | 1 x 23.50 x $\left(\frac{4.2+5.0}{2}\right)$ x 0.025 | | | | 2.86 " | |
| | Road to Ramdev Yellamba temple | 1 x 30.0 x $\left(\frac{4.7+5.0}{2}\right)$ x 0.025 | | | | 3.63 " | |
| | | 1 x 37.50 x $\left(\frac{5.0+5.2}{2}\right)$ x 0.025 | | | | 4.78 " | |
| | Road by provision store | 1 x 20.0 x $\left(\frac{2.7+2.7}{2}\right)$ x 0.025 | | | | 2.77 " | |
| | | 1 x 30.0 x $\left(\frac{3.7+3.6}{2}\right)$ x 0.025 | | | | 2.73 " | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | C & RC | | | | | | |
| | Road to temple Mureshwara | 1 | 30.0 | $\frac{3.6+2.6}{2}$ | 0.025 | 0.70 | Cleared |
| | | 1 | 13.50 | $\frac{2.6+4.4}{2}$ | 0.025 | 1.28 | " |
| | | 1 | 30.0 | $\frac{3.7+4.2}{2}$ | 0.025 | 2.96 | " |
| | | 1 | 10.60 | $\frac{4.2+4.3}{2}$ | 0.025 | 1.12 | " |
| | Tatanagar 1st main road | 1 | 30.0 | $\frac{5.6+5.5}{2}$ | 0.025 | 4.16 | " |
| | | 1 | 30.0 | $\frac{5.5+5.5}{2}$ | 0.025 | 4.12 | " |
| | | 1 | 30.0 | $\frac{5.5+5.6}{2}$ | 0.025 | 4.16 | " |
| | | 1 | 30.0 | $\frac{5.6+5.5}{2}$ | 0.025 | 4.16 | " |
| | | 1 | 25.40 | $\frac{3.3+5.1}{2}$ | 0.025 | 3.22 | " |
| | Tatanagar 2nd cross road | 1 | 30.0 | $\frac{5.1+4.3}{2}$ | 0.025 | 3.60 | " |
| | | 1 | 30.0 | $\frac{4.5+4.0}{2}$ | 0.025 | 3.18 | " |

Serial No. .....
Name of Work .....
Name of Contractor of nature of ...
Date of commencement of work ...

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Borewell at Balaji 6th ... |

| Contents 7 | Reference to last Measurement 8 |
|---|---|
| 2.70 | Cleared |
| 1.35 | " |
| 0.96 | " |
| 1.12 | " |
| | " |
| | " |
| | " |
| | " |
| 3.38 | " |
| 3.60 | " |
| 3.19 | " |

M. A. R. 57 (Rule 116)
Measurement Book

**No. B**

258784

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | | 1 | 30.0 | $\times\left(\frac{4.0+4.0}{2}\right)$ | $\times$ 0.025 | 3.00 | Cleared |
| | | 1 | 30.0 | $\times\left(\frac{4.0+4.5}{2}\right)$ | $\times$ 0.025 | 3.18 | " |
| | | 1 | 5.0 | $\times\left(\frac{4.5+5.0}{2}\right)$ | $\times$ 0.025 | 0.96 | " |
| | Potholes at Babaji 6th main road | 12 | 2.0 | 2.50 | 0.025 | 1.50 | " |
| | | 17 | 1.75 | 2.25 | 0.025 | 1.67 | " |
| | | 23 | 2.50 | 2.00 | 0.025 | 4.31 | " |
| | | | | | Total | 82.05 | Cleared |
| | | | | Carried to | | 82.08 | Cleared |
| | | @ Rs | 11045.68/- | | | Rs. | 906627.00 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 12) | Road marking with hot applied thermoplastic compound with Reflectorised glass beads on bituminous surface | | | | | | |
| | Tatanagar 8th main road | 3 | 145.40 | 0.10 | - | 43.62 Sqm | |
| | Tatanagar 2nd cross road | 3 | 125.00 | 0.10 | - | 37.50 " | |
| | Oceanic college road | 3 | 82.50 | 0.10 | - | 25.05 " | |
| | Road opp. provision store | 3 | 103.50 | 0.10 | - | 31.05 " | |
| | Road opp. Renuka villaure style | 3 | 67.50 | 0.10 | - | 20.25 " | |
| | | | | | Total | 157.47 Sqm | |
| | | | | | Less | 147.00 | |
| | | | | @ Rs | 434.15 | - Rs | 63 700.50 |
| | | | | Total | Bill | Amount = Rs | 19.67,872 |
| | Certificate. The work is completed satisfactorily & there are no departmental issues to my bill. | | | | | | |

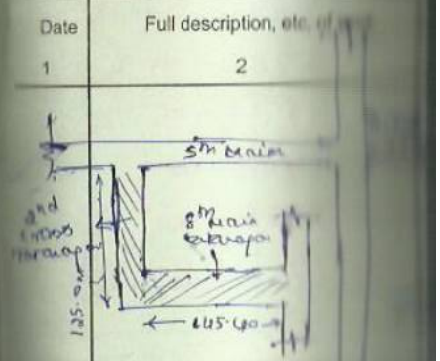
MC&EC
Dy all 20/X/16

6) AE. 20/10/16

Dy all 20/X/16

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work

| Date | Full description, etc, of |
|---|---|
| 1 | 2 |




6) AE

| | Reference to last Measurement |
|---|---|
| | 8 |

M. A. R. 57 (Rule 116)
Measurement Book

**No. B**

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

258785

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 5th Main<br>Nabard building<br>2nd Cross Maranna<br>8th Main extension<br>135.00<br>445.40<br>82.50<br>Oceanic college<br>103.50<br>67.80<br>Srinivasa Mima<br>Ramaiah Nagar<br>Renuka Yellamma temple<br>20/10/16<br>20/X/16 | | | | | | |

BR/606/28.10.16

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | | 8 |
| | ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1967812-00<br>ಗಳಿಗೆ ಹಾಗು ಮಾನಿನ : ಇದರಲ್ಲಿ ರೂ 159174-00<br>ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು<br>ರೂ 18,08,638-00<br>ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ<br>ಲೆಕ್ಕಾಧೀಕ್ಷಕರು<br>ಎಸ್.ಎಸ್.ಎಸ್ | | | | | 14/11/16 | Total R: 1967812-0<br>ST. 19678-0<br>VAT-78712-0<br>Cess. 19678-0<br>CBF. 1968-0<br>LR-37388-0<br>Penalty-1750-0<br>Add: 159174-0<br>Chqm 1808,638-0 |

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |